

**METHOD AND SYSTEM OF GENERATING AN MRS SPECTRUM
FROM MULTIPLE RECEIVER DATA**

5 **ABSTRACT**

 A system and method for multi-channel MR spectroscopy (MRS) includes simultaneously acquiring MR signals from multiple coils and processing the MR signals individually to generate multiple sets of MRS results. The multiple sets of MRS results are combined to form a single superset of MRS results that is displayed as a simple
10 proton MRS absorption spectrum.